

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2011 Levee Inspection Results****Sacramento Maintenance Yard West Levee Yolo Bypass**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway			Bank	Unit Miles
Unit No. 01 West Levee			Right	2.72

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/7/2011 - 3/7/2011			
DWR Inspector	John Williamson			
Accompanied By	Phil Carey Sa ramento Maintenance			
	Ted Skidgel Sac maint			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway						Bank	Unit Miles	Inspection Start/End		Inspector
Unit No. 01 West Levee						Right	2.72	03/07/2011 03/07/2011		John Williamson
LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.18	0.18	Earthen Levee	Vegetation	WS	A	Control annual grass and weeds on the levee slopes and easements.	38.758010 ° -121.664819 °	38.758010 ° -121.664819 °	3 Y
2	0.18	0.18	Earthen Levee	Vegetation	LS	A	Control annual grass and weeds on the levee slopes and easements.	38.758010 ° -121.664819 °	38.758010 ° -121.664819 °	2
3	0.36	0.43	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.755535 ° -121.664127 °	38.754512 ° -121.663907 °	1 Y
4	0.93	1.63	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.747888 ° -121.660202 °	38.737688 ° -121.660235 °	8 Y
5	2.53	2.68	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: no berm, 2:1 slope, no stability issues, sands and silts, 1.5 ft/s [2009 SiteID:YOL_2-6_L]	38.725506 ° -121.662042 °	38.724386 ° -121.664564 °	9
6	2.63	2.70	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.724800 ° -121.663710 °	38.724230 ° -121.664873 °	4 Y

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.72	03/07/2011 03/07/2011	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.18
End Levee Mile	0.18
Location	Water Side
Category	Earthen Levee
Item	Vegetation

This is a view of the grasses they are acceptable.
3-7-1. The view is of both sides of the levee slope.

johngw_s_20110307_331.jpg



Levee Mile Report Line	3
Start Levee Mile	0.36
End Levee Mile	0.43
Location	Land Side
Category	Earthen Levee
Item	Encroachments

3-7-11 Aricultural ditch running along toe of
landside

johngw_s_20110307_333.jpg



Levee Mile Report Line	4
Start Levee Mile	0.93
End Levee Mile	1.63
Location	Land Side
Category	Earthen Levee
Item	Encroachments

3-7-11 Agricultural ditch running along toe
landside.

johngw_s_20110307_334.jpg



*** Location**

LS : Landside
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CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.72	03/07/2011 03/07/2011	John Williamson

Levee Mile Report Line	6
Start Levee Mile	2.63
End Levee Mile	2.70
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Agricultural ditch running along toe landside. 3-7-11	
johngw_s_20110307_335.jpg	

*** Location**

LS : Landside
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CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway			Bank	Unit Miles
Unit No. 02 West Levee			Right	1.52
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/7/2011 - 3/7/2011			
DWR Inspector	John Williamson			
Accompanied By	Ted Skidgel Sac maint			

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 West Levee	Right	1.52	03/07/2011 03/07/2011	John Williamson

LMIR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Vegetation	WS	A	Control annual grass and weeds on the levee slopes and easements.	38.719025 ° -121.664107 °	38.719025 ° -121.664107 °	1
2	0.00	0.00	Earthen Levee	Vegetation	LS	A	Control annual grass and weeds on the levee slopes and easements.	38.719025 ° -121.664107 °	38.719025 ° -121.664107 °	6 Y
3	0.08	0.21	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.718005 ° -121.664496 °	38.716140 ° -121.665460 °	4 Y
4	0.47	0.97	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.712813 ° -121.667349 °	38.706018 ° -121.670831 °	3 Y
5	1.15	1.44	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.703681 ° -121.672090 °	38.699637 ° -121.674112 °	5 Y

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 West Levee	Right	1.52	03/07/2011 03/07/2011	John Williamson

Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

3-7-11 Good maintenance of grasses on both sides of levee.

johngw_s_20110307_336.jpg



Levee Mile Report Line	3
Start Levee Mile	0.08
End Levee Mile	0.21
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Agricultural ditch running along toe 3-7-11

johngw_s_20110307_337.jpg



Levee Mile Report Line	4
Start Levee Mile	0.47
End Levee Mile	0.97
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Agricultural ditch running along toe of levee. 3-7-11

johngw_s_20110307_338.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 West Levee	Right	1.52	03/07/2011 03/07/2011	John Williamson

Levee Mile Report Line	5
Start Levee Mile	1.15
End Levee Mile	1.44
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Agricultural ditch running along toe of levee. 3-7-11	
johngw_s_20110307_339.jpg	

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway				Bank	Unit Miles
Unit No. 03 West Levee				Right	1.48
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)	
Unit Maintenance Rating (Fall Only)					
Date of Inspection	3/7/2011 - 3/7/2011				
DWR Inspector	John Williamson				
Accompanied By	Ted Skidgel Sac maint				

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 West Levee	Right	1.48	03/07/2011 03/07/2011	John Williamson

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.01	0.01	Earthen Levee	Vegetation	WS	A	Control annual grass and weeds on the levee slopes and easements.	38.608407 ° -121.674110 °	38.698407 ° -121.674110 °	1 Y
2	0.01	0.01	Earthen Levee	Vegetation	LS	A	Control annual grass and weeds on the levee slopes and easements.	38.698407 ° -121.674108 °	38.698407 ° -121.674108 °	5

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 West Levee	Right	1.48	03/07/2011 03/07/2011	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	0.01
Location	Water Side
Category	Earthen Levee
Item	Vegetation

The grasses are acceptable on both sides of the levee. 3-7-11. The view is of both sides of the levee slope.

johngw_s_20110307_340.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway				Bank	Unit Miles
Unit No. 04 West Levee				Right	3.61
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)	
Unit Maintenance Rating (Fall Only)					
Date of Inspection	3/10/2011 - 3/10/2011				
DWR Inspector	John Williamson				
Accompanied By	Casey Lund Sac maint.				

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 04 West Levee						Right	3.61	03/10/2011 03/10/2011	John Williamson	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.03	0.03	Earthen Levee	Vegetation	LS	A	Control annual grass and weeds on the levee slopes and easements.	38.574240 ° -121.638733 °	38.574240 ° -121.638733 °	6 Y
2	0.03	0.03	Earthen Levee	Vegetation	WS	A	Control annual grass and weeds on the levee slopes and easements.	38.574210 ° -121.638734 °	38.574210 ° -121.638734 °	2 Y
3	0.57	0.57	Earthen Levee	Encroachments	CR	U	Material Inspector Comments: railroad tracks being repaired; material blocking levee crown no access across tracks and it appears that work is not being performed at this time. Distict gate is broken and needs to be repaired.	38.566349 ° -121.638873 °	38.566349 ° -121.638873 °	5 Y
4	1.78	2.70	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.550387 ° -121.631257 °	38.536958 ° -121.631450 °	3 Y
5	2.76	3.60	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	38.536100 ° -121.631425 °	38.523807 ° -121.631535 °	4 Y
6	3.36	3.43	Earthen Levee	Cracking	LS	A	Monitor and have inspected by geotechnical engineer. Inspector Comments: I viewed the cracks while driving back to hwy. There is cracking along the length of the entire ag. ditch. (3-10-2011)The cracks have closed due to winter moisture. The cracks may return during the summer and fall months.	38.527302 ° -121.631455 °	38.525952 ° -121.631467 °	1 Y

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	03/10/2011 03/10/2011	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.03
End Levee Mile	0.03
Location	Land Side
Category	Earthen Levee
Item	Vegetation

The view of the landside grasses that do not exceed 12".

johngw_s_20110310_360.jpg



Levee Mile Report Line	2
Start Levee Mile	0.03
End Levee Mile	0.03
Location	Water Side
Category	Earthen Levee
Item	Vegetation

This view is the waterside grasses that do not exceed 12".

johngw_s_20110310_359.jpg



Levee Mile Report Line	3
Start Levee Mile	0.57
End Levee Mile	0.57
Location	Crown
Category	Earthen Levee
Item	Encroachments

changing railroad ties out; crown blocked

johngw_s_20110228_294.jpg



*** Location**

LS : Landside
WS : Waterside
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	03/10/2011 03/10/2011	John Williamson

Levee Mile Report Line	3
Start Levee Mile	0.57
End Levee Mile	0.57
Location	Crown
Category	Earthen Levee
Item	Encroachments

This photo was taken 10/19/10, levee is still blocked.

johngw_s_20110228_295.jpg



Levee Mile Report Line	3
Start Levee Mile	0.57
End Levee Mile	0.57
Location	Crown
Category	Earthen Levee
Item	Encroachments

The gate at the railroad tracks has been cut. Need to remove railroad ties and repair gate.

johngw_s_20110228_296.jpg



Levee Mile Report Line	4
Start Levee Mile	1.78
End Levee Mile	2.70
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The agricultural ditch runs along the landside toe.

johngw_s_20110310_361.jpg



*** Location**

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CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	03/10/2011 03/10/2011	John Williamson

Levee Mile Report Line	5
Start Levee Mile	2.76
End Levee Mile	3.60
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The agricultural ditch runs along the toe of the landside.

johngw_s_20110310_362.jpg



Levee Mile Report Line	6
Start Levee Mile	3.36
End Levee Mile	3.43
Location	Land Side
Category	Earthen Levee
Item	Cracking

There are cracks running along the landside shoulder. They run off and on the distance of the ditch.

johngw_s_20110228_288.jpg



*** Location**

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